



HEAT TRANSFER FLUIDS

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XCEL THERM[®] XTE

Synthetic heating and cooling for operating temperatures of -80°F to 625°F (-62°C to 329°C), high heat transfer efficiency to reduce operating costs. Wide temperature operating range also allows for problem free low temperature start-ups. Ideal for oil refining, on-shore and off-shore oil & gas processing and distribution and applications that must operate in very cold conditions.

TYPICAL PROPERTIES

Key Operating Temperatures

Maximum Bulk Fluid Operating Temperature	625°F	329°C
Maximum Film Temperature	675°F	357°C
Flash Point (Pensky Martens)(ASTM D93) (min)	253°F	123°C
Flash Point (COC) (ASTM D92) (min)	280°F	138°C
Fire Point (ASTM D92) (min)	306°F	152°C
Autoignition Temperature (min)	788°F	420°C
Pour Point (ASTM D97)	< -81°F	< -63°C
Pumpability, at 300 mm ² /s (cSt)	-45°F	-43°C
Boiling Point (10%)	518°F	270°C
Cloud Point (ASTM D2500)	-38°F	-39°C

Physical Properties

Composition	Radco-engineered alkyl aromatic
Odor	Mild
Appearance	Water-white to straw yellow, clear liquid
Moisture Content (max)	300 ppm
Specific Gravity @ 77°F/25°C	0.99
Density, at 77°F/25°C	8.3 lbs/gal

* Data represents typical laboratory samples and are not guaranteed for all samples